LISTING OF THE CLAIMS

1 (currently amended): A highly corrosion-resistant hot-dip galvanized steel product excellent in surface smoothness and formability, having on the steel product surface a zinc alloy plating layer composed of 4 to 10% by mass of Al, 1 to 5% by mass of Mg, up to 0.1% by mass of Ti and the balance of Zn and unavoidable impurities, the plating layer having a metal structure in which one or more of the [Al phase], [Zn_2Mg phase] and [Zn phase] are present in a mixture in the matrix of an [Al/Zn/Zn_2Mg ternary eutectic structure], and the plating layer containing a Ti-Al base intermetallic compound composed of $TiAl_3$ in one or more of the [Al phase], [Zn_2Mg phase]and [Zn phase],

wherein the Ti-Al base intermetallic compound contained in an [Al phase] in the plating layer is present in a Zn-Al eutectoid reaction structure in which Zn phases are condensed.

2 (currently amended): A highly corrosion-resistant hot-dip galvanized steel product excellent in surface smoothness and formability, having on the steel product surface a zinc alloy plating layer composed of 4 to 22% by mass of Al, 1 to 5% by mass of Mg, up to 0.1% by mass of Ti, up to 0.5% by mass of Si and the balance of Zn and unavoidable impurities, the plating layer of the plated steel product having a metal structure in which an [Mg_2Si phase], an [Al phase], a [Zn_2Mg phase] and a [Zn phase] are present in a mixture in the matrix of an [Al/Zn/Zn_2Mg ternary eutectic structure], and the plating layer containing a Ti-Al base intermetallic compound composed of $Ti(Al_{1-x}Si_x)_3$ (wherein X = 0 to ~~0.15~~ 0.5) in one or more of the [Al phase], [Zn_2Mg phase] and [Zn phase],

wherein the Ti-Al base intermetallic compound contained in an [Al phase] in the plating layer is present in a Zn-Al eutectoid reaction structure in which Zn phases are condensed.

Claims 3 to 9: (canceled).

10 (new): A highly corrosion-resistant hot-dip galvanized steel product excellent in surface smoothness and formability, having on the steel product surface a zinc alloy plating layer composed of 4 to 22% by mass of Al, 1 to 5% by mass of Mg, up to 0.1% by mass of Ti, up to 0.5% by mass of Si and the balance of Zn and unavoidable impurities, the plating layer of the plated steel product having a metal structure in which an [Mg_2Si phase], an [Al phase] and a [Zn phase] are present in a mixture in the matrix of an [Al/Zn/Zn_2Mg ternary eutectic structure], and the plating layer containing a Ti-Al base intermetallic compound composed of Ti $(Al_{1-x}\ Si_x)_3$ (wherein X = 0 to 0.5) in one or more of the [Al phase] and [Zn phase],

wherein the Ti-Al base intermetallic compound contained in an [Al phase] in the plating layer is present in a Zn-Al eutectoid reaction structure in which Zn phases are condensed.

11 (new): A highly corrosion-resistant hot-dip galvanized steel product excellent in surface smoothness and formability, having on the steel product surface a zinc alloy plating layer composed of 4 to 10% by mass of Al, 1 to 5% by mass of Mg, up to 0.1% by mass of Ti and the balance of Zn and unavoidable impurities, the plating layer having a metal structure in which one or more of the [Al phase], [Zn_2Mg phase] and [Zn phase] are present in a mixture in the matrix of an [Al/Zn/Zn_2Mg ternary eutectic structure], and the plating layer containing a Ti-Al base intermetallic compound composed of $TiAl_3$ in one or more of the [Al phase], [Zn_2Mg phase]and [Zn phase],

wherein the size of a dendrite in an [Al phase] in the plating layer is up to 500μm.

12 (new): A highly corrosion-resistant hot-dip galvanized steel product excellent in surface smoothness and formability, having on the steel product surface a zinc alloy plating layer composed of 4 to 22% by mass of Al, 1 to 5% by mass of Mg, up to 0.1% by mass of Ti, up to 0.5% by mass of Si and the balance of Zn and unavoidable impurities, the plating layer of the plated steel product having a metal structure in which an [Mg_2Si phase], an [Al phase], a [Zn_2Mg phase] and a [Zn phase] are present in a mixture in the matrix of an [Al/Zn/Zn_2Mg ternary eutectic structure], and the plating layer containing a Ti-Al base intermetallic compound composed of Ti $(Al_{1-x}\ Si_x)_3$ (wherein X = 0 to 0.5) in one or more of the [Al phase], [Zn_2Mg phase] and [Zn phase],

wherein the size of a dendrite in an [Al phase] in the plating layer is up to 500μm.

13 (new): A highly corrosion-resistant hot-dip galvanized steel product excellent in surface smoothness and formability, having on the steel product surface a zinc alloy plating layer composed of 4 to 22% by mass of Al, 1 to 5% by mass of Mg, up to 0.1% by mass of Ti, up to 0.5% by mass of Si and the balance of Zn and unavoidable impurities, the plating layer of the plated steel product having a metal structure in which an [Mg_2Si phase], an [Al phase] and a [Zn phase] are present in a mixture in the matrix of an [Al/Zn/Zn_2Mg ternary eutectic structure], and the plating layer containing a Ti-Al base intermetallic compound composed of Ti $(Al_{1-x}\ Si_x)_3$ (wherein X = 0 to 0.5) in one or more of the [Al phase] and [Zn phase],

wherein the size of a dendrite in an [Al phase] in the plating layer is up to 500μm.